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OIEP

RAW SEQUENCE LISTING

DATE: 01/26/2002

PATENT APPLICATION: US/09/991,792

TIME: 13:54:12

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1 <110> APPLICANT: LONNROTH, Ivar
 2 LANGE, Stefan
 3 JOHANSSON, Eva
 4 JENNISCHE, Eva
 5 LONNROTH, Christina
 6 <120> TITLE OF INVENTION: ANTISECRETORY FACTOR PEPTIDES REGULATING PATHOLOGICAL
 7 PERMEABILITY CHANGES
 8 <130> FILE REFERENCE: 003300-467
 9 <140> CURRENT APPLICATION NUMBER: 09/991,792
 10 <141> CURRENT FILING DATE: 2001-11-26
 11 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/029,333
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 13 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PCT/SE96/01049
 W--> 14 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-23
 15 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: SE 9502936-9
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 17 <160> NUMBER OF SEQ ID NOS: 2
 18 <170> SOFTWARE: PatentIn Ver. 2.0
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 36 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr
 37 1 5 10 15
 38 atg cgg aat gga gac ttc tta ccc acc agg ctg cag gcc cag cag gat 155
 39 Met Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp
 40 20 25 30
 41 gct gtc aac ata gtt tgt cat tca aag acc cgc agc aac cct gag aac 203
 42 Ala Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn
 43 35 40 45
 44 aac gtg ggc ctt atc aca ctg gct aat gac tgt gaa gtg ctg acc aca 251

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48	Leu Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln	
49	65 70 75	
50	ccc aag ggc aag atc acc ttc tgc acg ggc atc cgc gtg gcc cat ctg	347
51	Pro Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu	
52	80 85 90 95	
53	gct ctg aag cac cga caa ggc aag aat cac aag atg cgc atc att gcc	395
54	Ala Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala	
55	100 105 110	
56	ttt gtg gga agc cca gtg gag gac aat gag aag gat ctg gtg aaa ctg	443
57	Phe Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu	
58	115 120 125	
59	gct aaa cgc ctc aag aag gag aaa gta aat gtt gac att atc aat ttt	491
60	Ala Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe	
61	130 135 140	
62	ggg gaa gag gag gtg aac aca gaa aag ctg aca gcc ttt gta aac acg	539
63	Gly Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr	
64	145 150 155	
65	ttg aat ggc aaa gat gga acc ggt tct cat ctg gtg aca gtg cct cct	587
66	Leu Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro	
67	160 165 170 175	
68	ggg ccc agt ttg gct gat gct ctc atc agt tct ccg att ttg gct ggt	635
69	Gly Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly	
70	180 185 190	
71	gaa ggt ggt gcc atg ctg ggt ctt ggt gcc agt gac ttt gaa ttt gga	683
72	Glu Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly	
73	195 200 205	
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76	210 215 220	
77	atg gaa gag cag cgg cac gca gga gga gga gcg cgg cgg gca gct cga	779
78	Met Glu Glu Gln Arg His Ala Gly Gly Gly Ala Arg Arg Ala Ala Arg	
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80	gct tct gct gct gag gcc ggg att gct acg act ggg act gaa gac tca	827
81	Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Asp Ser	
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83	gac gat gcc ctg ctg aag atg acc atc agc cag caa gag ttt ggc cgc	875
84	Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu Phe Gly Arg	
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86	act ggg ctt cct gac cta agc agt atg act gag gaa gag cag att gct	923
87	Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu Gln Ile Ala	
88	275 280 285	
89	tat gcc atg cag atg tcc ctg cag gga gca gag ttt ggc cag gcg gaa	971
90	Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly Gln Ala Glu	
91	290 295 300	
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97  320          325          330          335
98  agt gtc cta gag aac ctc cca ggt gtg gat ccc aac aat gaa gcc att 1115
99  Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn Glu Ala Ile
100          340          345          350
101  cga aat gct atg ggc tcc ctg cct ccc agg cca cca agg acg gca aga 1163
102  Arg Asn Ala Met Gly Ser Leu Pro Pro Arg Pro Pro Arg Thr Ala Arg
103          355          360          365
104  agg aca aga agg agg aag aca aga agt gag act gga ggg aaa ggg 1208
105  Arg Thr Arg Arg Arg Lys Thr Arg Ser Glu Thr Gly Gly Lys Gly
106          370          375          380
107  tagctgagtc tgcttagggg actgcatggg aagcacggaa tatagggtta gatgtgtgtt 1268
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119  Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
120          35          40          45
121  Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
122          50          55          60
123  Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
124          65          70          75          80
125  Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
126          85          90          95
127  Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
128          100          105          110
129  Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
130          115          120          125
131  Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
132          130          135          140
133  Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
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137  Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
138          180          185          190
139  Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
140          195          200          205
141  Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
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143  Glu Glu Gln Arg His Ala Gly Gly Gly Ala Arg Arg Ala Ala Arg Ala

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149	Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu Gln Ile Ala Tyr			
150		275	280	285
151	Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly Gln Ala Glu Ser			
152		290	295	300
153	Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser Glu Pro Ala Lys			
154	305	310	315	320
155	Glu Glu Asp Asp Tyr Asp Val Met Gln Asp Pro Glu Phe Leu Gln Ser			
156		325	330	335
157	Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn Glu Ala Ile Arg			
158		340	345	350
159	Asn Ala Met Gly Ser Leu Pro Pro Arg Pro Pro Arg Thr Ala Arg Arg			
160		355	360	365
161	Thr Arg Arg Arg Lys Thr Arg Ser Glu Thr Gly Gly Lys Gly			
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VERIFICATION SUMMARY

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